Message

From: Buck, Jeremy [jeremy_buck@fws.gov]
Sent: 7/10/2020 1:36:18 AM
To: Sheldrake, Sean [sheldrake.sean@epa.gov]; PETERSON Jenn L [Jenn.L.PETERSON@state.or.us]
CC: Bob Schwarz [Bob.SCHWARZ@state.or.us]; dexb@yakamafish-nsn.gov; shil@yakamafish-nsn.gov; Gustavson, Karl [Gustavson.Karl@epa.gov]
Subject: RE: [EXTERNAL] RE: Clam QAPP and Bass/Crayfish QAPP for TAG review (sf)2
Attachments: Bass and Crayfish QAPP Comments_26Jun2020_JBuck.docx

Hi all-

I am providing a detailed breakdown of the DQOs in order to identify elements of the process that are missing and would be helpful, and to start a discussion. I also revised DQOs for the tissue data. This is a draft document. If you have time, please take a look and feel free to make any comments or discussion points. Thanks- Jeremy

-----Original Message-----
From: Sheldrake, Sean <sheldrake.sean@epa.gov>
Sent: Wednesday, July 8, 2020 8:47 AM
To: PETERSON Jenn L <Jenn.L.PETERSON@state.or.us>; Buck, Jeremy <jeremy_buck@fws.gov>
Cc: Bob Schwarz <Bob.SCHWARZ@state.or.us>; dexb@yakamafish-nsn.gov; shil@yakamafish-nsn.gov; Gustavson, Karl <Gustavson.Karl@epa.gov>
Subject: [EXTERNAL] RE: Clam QAPP and Bass/Crayfish QAPP for TAG review (sf)2

That would be great Jenn--would sometime between 1030 and 1 on Monday work for you all? I can set up a teams invite. I'm not sure why it isn't obvious to USACE that there are one to several outliers in the cascade locks data set, but it might be worth highlighting the values that are suspect for Dan?

S

Sean Sheldrake
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-----Original Message-----
From: PETERSON Jenn L <Jenn.L.PETERSON@state.or.us>
Sent: Wednesday, July 8, 2020 8:41 AM
To: Sheldrake, Sean <sheldrake.sean@epa.gov>; Jeremy_Buck@fws.gov
Cc: Bob Schwarz <Bob.SCHWARZ@state.or.us>; dexb@yakamafish-nsn.gov; shil@yakamafish-nsn.gov; Gustavson, Karl <Gustavson.Karl@epa.gov>
Subject: RE: Clam QAPP and Bass/Crayfish QAPP for TAG review (sf)

Sean,

Jeremy and I talked yesterday and share your concerns. Were you thinking it would be good to discuss before the TAG meeting scheduled for next Tuesday?

Jennifer

-----Original Message-----
From: Sheldrake, Sean <sheldrake.sean@epa.gov>
Sent: Wednesday, July 8, 2020 8:08 AM
To: Jeremy_Buck@fws.gov
Cc: PETERSON Jenn L <Jenn.L.PETERSON@deq.state.or.us>; Bob Schwarz <Bob.SCHWARZ@state.or.us>; dexb@yakamafish-nsn.gov; shil@yakamafish-nsn.gov; Gustavson, Karl <Gustavson.Karl@epa.gov>

Subject: FW: Clam QAPP and Bass/Crayfish QAPP for TAG review (sf)

Jeremy, have you had a chance to take a look at these? I'm a little puzzled on whether the clam target areas are truly randomized & appropriately stratified vs. spatially biased towards reoccupation (or both), but I may be missing something. We may also need to disabuse USACE from the notion of reoccupation relative to accurately representing temporal change, but again I may be misunderstanding them. If this is also unclear to you all we might want to get USACE on the phone sooner vs later.

Thank you.

S

Sean Sheldrake
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-----Original Message-----
From: Carlson, Daniel J CIV USARMY CENWS (USA) <Daniel.J.Carlson@usace.army.mil>
Sent: Wednesday, July 1, 2020 4:53 PM
To: christine.m.budai@usace.army.mil; kenneth.d.duncan@usace.army.mil; Gardiner, William W CIV USARMY CENWS (USA) <William.W.Gardiner@usace.army.mil>; Johnson, Craig J CIV (USA) <Craig.J.Johnson@usace.army.mil>; Kerns, Kristen M CIV USARMY CENWS (USA) <Kristen.Kerns@usace.army.mil>; jeffrey.t.matson@usace.army.mil; Mcbain, Melissa A CIV (USA) <Melissa.A.Mcbain@usace.army.mil>; Scheidt, Kristin M CIV USARMY CENWP (USA) <Kristin.M.Scheidt@usace.army.mil>; Suess, Alison M CIV USARMY CENWS (US) <Alison.M.Suess@usace.army.mil>; Richwine, Kathryn A CIV (USA) <Kathryn.A.Richwine@usace.army.mil>; Carlson, Daniel J CIV USARMY CENWS (USA) <Daniel.J.Carlson@usace.army.mil>; Barajas, Alexander CIV USARMY CENWP (USA) <Alexander.Barajas@usace.army.mil>; Henon, Jeffrey M CIV USARMY CENWP (USA) <Jeffrey.M.Henon@usace.army.mil>; Royer, Ida M CIV USARMY CENWP (USA) <Ida.M.Royer@usace.army.mil>; abchang@bpa.gov; Jeremy_Buck@fws.gov; Soscia, Mary Lou <Soscia.Marylou@epa.gov>; Sheldrake, Sean <sheldrake.sean@epa.gov>; jeff.fisher@noaa.gov; david.g.farrer@state.or.us; Heidi Nelson (DEQ <Heidi.NELSON@state.or.us>; peterson.jenn@deq.state.or.us; poulsen.mike@deq.state.or.us; Bob Schwarz <Bob.SCHWARZ@state.or.us>; todd.hudson@state.or.us; Smith, Andrew (ECY) <ansm461@ECY.WA.GOV>; dave.mcbride@doh.wa.gov; Abbett, Marian L. (ECY) <MABB461@ECY.WA.GOV>; brandy.humphreys@grandronde.org; holly.partridge@grandronde.org; jackb@nezperce.org; Marissa Merker <marissam@nezperce.org>; dexb@yakamafish-nsn.gov; lonr@yakamafish-nsn.gov; shil@yakamafish-nsn.gov; bill@ridolfi.com; tim.outman@ctwsbnr.org
Subject: Clam QAPP and Bass/Crayfish QAPP for TAG review

Hello all,

Attached are two QAPPs for review and comment by the TAG, the Bradford Island River OU QAPP for clam sampling and a second QAPP for bass and crayfish sampling.

Several tables still have 'TBD' in places. We are still coordinating with the lab to get this information filled in, and can provide updates via email as needed.

The statistical appendix is not included in this version of the draft bass and crayfish QAPP. We are still working to finalize the analysis and will provide it separately at a later date in July.

These versions of the draft QAPPs tried to incorporate feedback we received from the TAG during the May and June meetings to discuss the sampling approach for clams, bass, and crayfish. If there is anything mentioned during the previous TAG meetings that was omitted from these draft versions, please feel free to restate the recommendation in your review comments so that we can keep track of those recommendations.

We appreciate the recent feedback regarding the proposal to forego bass collection in the reference area in order to concentrate efforts in the forebay and near Bradford Island. At this time, USACE sees considerable value in collecting reference area samples for bass, in order to aid in the interpretation of results and provide context for data coming from the forebay and Bradford Island in the event that system wide changes have occurred since the previous collection in 2011. However, we want to discuss some options for trying to increase our level of effort to collect bass in the forebay and at Bradford Island, for making sure everyone's respective objectives for the study are met. We will schedule a conference call in the coming weeks to discuss as a group.

Please provide written comments to USACE on both QAPPs prior to July 31st. We will then work to revise and finalize the QAPP before fieldwork begins.

Best regards,

Daniel Carlson

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